Sheet 1 C	1 1 5110	et			····					
U.S. Dep	artment (of Commerce, Pa	itent and Tra	demark Office	Docket No 70	o.: 196/SYNX/JB		Serial N	o.: 10/650,479)
PISE	OF RELI	EVANT ART CI	TED BY AI	PPLICANT	Applicants		·	<u></u>		
/o`	(5)	e several sheets i	if necessary)		1	Elliott, et al				
MR 137			• •		<u> </u>			Group:		
			•		Filing Dat	e. igust 28, 2003		Group:		
State Br	TEMPE .		=	<u></u>						
913.	Patent D	ocuments				,				
*Examiner Initial		Document Number	Issue Date	Name	9	Class		Subclass		g Date If ropriate
MSC	US-1	5,048,164	09/17/91	Harima		Class		30001033	Аррі	opridie
	US-2	5,603,777	02/18/97	Ohashi						
MSL MSL	US-3	6,439,822 B1	08/27/02	Kimura et al.		<u> </u>				
1915	US-4	0,437,022 B1	00/2//02	itinara et al.	.,				_	
	US-5									
	US-6									
	US-7									
	.									
	US-8									
	US-9									
	US-10						_			
	US-11	<u> </u>			·					
Fore	ign Pater	nt Documents						· · · · · · · · · · · · · · · · · · ·	Т	ranslation
		Document Number	Date	Count	гу	Class	Su	bclass	Yes	No
MSL	F-1	JP 10-256346	09/25/98	JP					Abstract only	
•	F-2									
	F-3									
	F-4									
	F-5				·_·		·····			
OTH	IER ART	(Including Auth	or Title Da	ite, Pertinent Pages	Etc.)	<u> </u>		· · · · · · · · · · · · · · · · · · ·	·	
		· •	· · · · · · · · · · · · · · · · · · ·	tion Publication N		090282 A1, Pul	Date	7/11/2002		
	ОТ-2					_ 				
	OT-3					~~~		 		
Examiner	1 / 1		Date Consid	lered /						
l 一一-/	slag	Lowe	10	ered /5 /05						
				ther or not citation				Draw line	through cit	ation if
not in confori	nance and	d not considered.	. Include co	py of this form wit	h your comm	unication to app	olicant.			

C:\WP51\FORM\$\1449.PTO 1/94

Express Mail Label No.: EL975550880US

	artment o	of Commerce, Pate	ent and Trac	lemark Office	Docket No).:		Serial No.:			
					70	96/SYNX/JB		1	10/650,479		
OUIBTE	OF RELI	EVANT ART CIT	ED BY AP	PLICANT	Applicants						
ĺ	(Us	e several sheets if	necessary)		i	Elliott, et al.					
APR 1 3 200	04 I			•	Filing Dat	e:		Group:			
	y					igust 28, 2003		·	3652		
RADEMBRY.	Parent D	ocuments									
*Examiner	T 41.0111 D	Document	Issue	1					Filing	Date If	
Initial		Number	Date	Name	2	Class		Subclass		opriate	
MSL	US-1	5,261,935	11/16/93	Ishii et al.							
MSL	US-2	5,827,118	10/27/98	Johnson et al.							
MSL	US-3	5,829,939	11/03/98	lwai et al.							
MSL	US-4	6,054,181	04/25/00	Nanbu et al.							
	US-5										
	US-6										
	US-7										
	US-8										
	US-9										
	US-10										
	US-11										
Fore	ign Pater	nt Documents			-				Trans	lation	
		Document									
		Number	Date	Count		Class	Sub	class	Yes	No	
MSL	F-1	EP 0 582 019 A1	02/09/94	EPO							
	F-2										
	F-3										
	F-4										
	F-5									<u></u>	
OTH	IER ART	(Including Autho	r, Title, Da	te, Pertinent Pages	, Etc.)						
	OT-1										
	OT-2										
	OT-3										
Examiner .	laef	Twe	Date Consi	dered /5 /5 / 5							
		if reference considered.						Oraw line t	hrough cit	ation if	
				,							

C:\WP51\FORMS\1449.PTO 1/94 Express Mail Label No.: EL975550902US

Sheet 1 o	f_l_she	et							
		of Commerce, Pa			Docket No	o.: 096/SYNX/JB	Serial N	No.: 10/650,479	,
CURE	ÀF RELF	EVANT ART CI	TED BY AF	PPLICANT	Applicants	S:			
	Z) se	e several sheets i	if necessary))		Elliott, et al.			
MAY 1 2 7	DOA U				Filing Date		Group:		
MAI	لاً الم				II -	ugust 28, 2003			<u></u>
E TANDE	Patent D	ocuments							
*Examiner		Document	Issue	<u> </u>			T		g Date If
Initial	<u> </u>	Number	Date	Name	<u>e</u>	Class	Subclass	Appı	ropriate
MSL	US-1	6,283,692 B1	09/04/01	Perlov et al.			ļ		<u> </u>
MSL	US-2	6,280,134 B1	08/28/01	Nering	· · · · · · · · · · · · · · · · · · ·				<u> </u>
	US-3								
	US-4		<u> </u>						l
	US-5					<u> </u>			
	US-6		ļ		<u> </u>				
•	US-7								
<u> </u>	US-8						ļ		
ذ	US-9		L						
	US-10								
	US-11		<u> </u>						
Forei	gn Paten	t Documents						Т	ranslation
		Document Number	Date	Countr	try	Class	Subclass	Yes	No
	F-1				<u>-i</u>				
	F-2								
	F-3								
	F-4				1				
	F-5		1		1				
ОТН	ER ART	(Including Auth	or, Title, Da	ate, Pertinent Pages	s, Etc.)	 		· · · · · · ·	
	OT-1]					~ ~ ~ ~ ~ ~ ~		
	OT-2								
	OT-3								
Examiner	lack	Towe	Date Consid	dered 2/5/05					
*EXAMINER	: Initial i	if reference cons	sidered, whet	ther or not citation	is in conform	nance with MPEP	609; Draw line	through cit	ation if

C:\WP51\FORMS\1449.PTO 1/94

Express Mail Label No.: EV403025206US

Sheet 1 c	of <u>1</u> :	sheets								
U.S. Dep	artmer	nt of Commerce, Pa	atent and Tra	demark Office	Docket No.	o.: 096/SYNX/JB		Serial No	o.: 0/650,479)
04187	O F RE	ELEVANT ART C	ITED BY AF	PPLICANT	Applicant					
		Use several sheets	if necessary)			Elliott, et al.				
SEP 15	500r n	<u>(</u>)			Filing Dat	te:		Group:		
MADE	10/	?/ 	_		August 28, 2003 3652					
& TRADE	Patent	Documents			.,					
Examiner		Document	Issue			T				Date If
Initial		Number	Date	Nam	e	Class		Subclass	Appr	ropriate
MSL	US-		06/09/98	Zuniga et al.		451		285		
	US-									
	US-	3								· - ·
	US-	4								
	US-	5								_
	US-	6								
	US-	7	-							
	US-	8								
	US-	9								
	US-	10					_			
	US-	11					1	····		
Fore	ign Pa	tent Documents				·· L ··································	 L -		T:	ranslation
		Document Number	Date	Count	ry	Class	Su	bclass	Yes	No
MSL	F-1	EP 0 987 750 A1	03/22/00	EPC)				Х	
MSL	F-2	EP 1 134 641 A1	09/19/01	EPC)				Х	
MSL	F-3	WO 99/64207	12/16/99	WIPO	0				Х	
MSL	F-4	WO 02/19392 A1	03/07/02	WIP)				Х	
	F-5									
OTH	IER AI	RT (Including Auti	hor Title Da	te Pertinent Pages	Etc.)	<u> </u>		_		<u></u>
	OT-1	~					····			· · · · · ·
	OT-2	 								
	OT-3									
Examiner	lee	The	Date Consid	1 — 1						
*EXAMINE	R: Initi	al if reference con	sidered, whet	her or not citation	is in conform	nance with MPE	P 609;	Draw line th	hrough cit	ation if
not in confort	папсе	and not considered	. Include cor	y of this form wit	h your comn	nunication to app	licant.			

C:\WP51\FORMS\1449.PTO 1/94

Express Mail Label No.: EV403025855US

U.S. Dep	artment o	f Commerce, Pa	tent and Trac	demark Office	Docket No	o.: 96/SYNX/JW		Serial N	o.: 10/650,479)	
1351	DF SELE	EVANT ART CI	TED BY AP	PLICANT	Applicants						
	(4)	e several sheets i	f necessary)		Martin R. Elliott, et al						
AL 18	2005				Filing Date: Group: August 28, 2003 365				3652		
	Patent D	ocuments			<u> </u>						
*Examiner Initial		Document Number	Issue Date	Nam		Class		Subclass		g Date If ropriate	
MSL	US-1	4,401,522	08/30/83	Buschow et al.							
MSL	US-2	4,534,843	08/13/85	Hirbour et al.							
MSL	US-3	4,540,088	09/10/85	Bergh							
MSL	US-4	4,650,264	03/17/87	Dahnert							
MSL	US-5	4,775,046	10/04/88	Gramarossa et al.							
MSL	US-6	6,235,634	05/22/01	Law et al.							
MSL	US-7	2002/090282	07/11/02	Bachrach							
MSL	US-8	2003/010449	01/16/03	Gramarossa et al.							
	US-9										
	US-10									· · · · · · · · · · · · · · · · · · ·	
	US-11				· · · · · ·						
Fore	ign Paten	t Documents				<u> </u>		- · · · · ·	Т	ranslatio	
		Document Number	Date	Count	гү	Class	Sul	oclass	Yes	No	
<u> </u>	F-I				. 						
	F-2										
	F-3										
	F-4										
	F-5										
ОТН	IER ART	(Including Auth	or, Title, Da	te, Pertinent Pages	. Etc.)	I				1	
	OT-1	`				· · · · · · · · · · · · · · · · · · ·		 		· · · · · ·	
	OT-2										
	OT-3		D-4- C - ::	1							
Examiner Mac	lof	Twe	Date Consid ノる/6/	105							
*EXAMINER not in conform	R: Initial nance and	if reference cons I not considered.	idered, whet Include co	her or not citation by of this form wit	is in conform	nance with MPE	P 609; licant	Draw line	through cit	ation if	

U.S.	Depart	ment of Commerce	e, Patent and	Trademark Office	Docket No.: Serial No. 7096/SYNX/JW 10/6			9
OTA	OF	RELEVANT AR (Use several she			Applicant(s): Robert B. Low	rance et al.		
Examiner foitial	2005				Filing Date: Group: August 28, 2003 3652			
CR80Put	ent Doc	cuments						
*Examiner Initial		Document Number	Issue Date	Name	Class	Subcla	Filing I ss Appro	
MSL	AA	3,710,923	01/16/73	Fromme et al.				
MSL	AB	3,734,263	05/22/73	Dirks				
MSL	AC	3,815,723	06/11/74	Wright et al.				
Me	AD	3,901,376	08/26/75	Dardaine et al.				
MSL	AE	3,990,569	11/09/76	Aiuola				
MSL	AF	4,029,194	06/14/77	Feurstein et al.				
MSL	AG	4,033,403	07/05/77	Seaton et al.				
MSL	АН	4,040,302	08/09/77	Katarao		-		
MSL	ΑI	4,044,886	08/30/77	Sender				
MG	AJ	4,261,236	04/14/81	Verjux				
MSL	AK	4,266,652	05/12/81	Bald				
	Patent	Documents					Transla	ition
		Document Number	Date	Country	Class	Subclass	Yes	No
MSL		ID (000015) 10	0.1.10.5.10.0				X (Abstract only)	
1100	AL AM	JP 63020151 A2	01/27/88	Japan			(XOSTIACT OLLY)	
	AN							
	AO				_			
	AP		<u>. </u>			 	 	
OTHER	L	Including Author.	Title Date	Pertinent Pages, Etc.)				L
	AR							
· · · · · · · · · · · · · · · · · · ·	AS		-					
	AT						·	
Examiner		1.	Date Consid	ered ,				
What	al	Twe	/	2/6/05				
EXAMINER: I conformance and	nitial if not cor	reference consider isidered. Include o	red, whether copy of this	or not citation is in conform form with your communicati	ance with MPEP 60 on to applicant.	9; Draw line	through citation	if not in

. U.S.	Departm	nent of Commerc	e, Patent and	Trademark Office	Docket No.: Serial No. 7096/SYNX/JW 10/			l No.: 10/650,479		
L	IST OF	RELEVANT AF	RT CITED BY	Y APPLICANT	Applicant(s):		1			
		(Use several sh	ieets if necess	sary)	Robert B. Lowi	rance et al.				
					Filing Date:		Grou	p:		
					August 28,	2003		3652		
U.S. Pat	tent Docu	ıments								
*Examiner Initial		Document Number	Issue Date	Name	Class	Subc	1200	Filing I		
	 		 		Class	Subci	1855	Appro	priate	
MSL	AA	4,340,137	07/20/82	Foster				<u> </u>		
MSL	AB	4,450,950	05/29/84	Foote, Jr.		 		<u> </u>		
MSL	AC	4,506,779	03/26/85	Seragnoli		ļ		ļ		
MSL	AD	4,524,858	06/25/85	Maxey				<u> </u>		
MSL	AE	4,549,647	10/29/85	Cosse						
MSL	AF	4,585,126	04/29/86	Paddock et al.						
MSL	AG	4,603,770	08/05/86	Hartness						
MSL	AH	4,667,809	05/26/87	Raybuck						
MSL	AI	4,680,919	07/21/87	Hirama et al.						
MSL	AJ	4,693,359	09/15/87	Mattei et al.						
MSL	AK	4,759,439	07/26/88	Hartlepp						
Foreign	Patent D	Ocuments						Transla	ition	
		Document Number	Date	Country	Class	Subc	lass	Yes	No	
	AL									
	AM									
	AN					1				
	AO									
	AP									
OTHER	ART (Ir	ncluding Author	, Title, Date,	Pertinent Pages, Etc.)				•		
	AR					<u> </u>				
······································	AS									
	AT									
Examiner Wal	led :	Towe	Date Consid	ered /6/05	···					
EXAMINER: I	nitial if r		ered, whether	or not citation is in conformation form with your communica		9; Draw line	e throug	th citation	if not in	

U.S.	. Departr	ment of Commer	l Trademark Office	Docket No.: Seria		Seria	ial No.: 10/650,479			
L	JIST OF	RELEVANT AI			Applicant(s): Robert B. Lowr	ance et al.	<u> </u>			
					Filing Date: Group: August 28, 2003 3652					
U.S. Pa	tent Doc	uments								
*Examiner Initial		Document Number	Issue Date	Name	Class	Subc	lass	Filing I Appro		
MSL	AA	4,765,453	08/23/88	Bucher				 		
MSL	AB	4,813,528	03/21/89	Hartlepp						
MSL	AC	4,830,180	05/16/89	Ferguson et al.						
MSL	AD	4,850,102	07/25/89	Hironaka et al.			- 10, 11, 11, 			
MSL	AE	4,854,440	08/08/89	Laube et al.						
MSL	AF	4,869,637	09/26/89	deGroot						
MSL	AG	4,898,373	02/06/90	Newsome						
MSL	АН	5,086,909	02/11/92	Powell, Jr.						
MSL	Al	5,099,896	03/31/92	Ritola						
MSL	AJ	5,113,992	05/19/92	Sadamori						
MSL	AK	5,123,518	06/23/92	Pfaff						
Foreign	Patent E	Documents						Transla	ation	
		Document Number	Date	Country	Class	Subcl	lass	Yes	No	
	AL									
	AM									
	AN									
	AO									
	AP									
OTHER	RART (I	ncluding Author	, Title, Date,	Pertinent Pages, Etc.)						
	AR							 		
	AS	· · · · · · · · · · · · · · · · · · ·						-		
	AT	···								
Examiner	bel	Towe	Date Consid	ered /2/5/05						

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

. U.S	. Departr	ment of Commer	ce, Patent and	l Trademark Office	Docket No.: 7096/SYN	x/JW	Seria	ial No.: 10/650,479	
I	LIST OF	RELEVANT Al (Use several s)			Applicant(s): Robert B. Lown	ance et al.	-		
					Filing Date: August 28,	2003	Grou	up: 3652	
U.S. Pa	tent Doc	uments				· · · · · · · · · · · · · · · · · · ·			
*Examiner Initial		Document Number	Issue Date	Name	Class	Subcla	ass	Filing I Appro	
MSL	AA	3,710,921	01/16/73	Petiet					
MSL	AB	3,722,656	03/27/73	Loomis, Jr. et al.					
MSL	AC	5,135,102	08/04/92	Sjogren et al.					
MSL	AD	5,184,712	02/09/93	Leypold et al.					
MSL	AE	5,667,056	09/16/97	Kimmet					
MSL	AF	5,207,309	05/04/93	Simpkin et al.					
MSL	AG	5,226,211	07/13/93	Jones					
MSL	AH	5,231,926	08/03/93	Williams et al.					
MSL	AI	5,269,119	12/14/93	Tolson					
MSL	AJ	5,275,275	01/04/94	Boldrini et al.					
MSL	AK	5,439,091	08/08/95	Mason					
Foreign	Patent I	Documents						Transla	tion
		Document Number	Date	Country	Class	Subcla	ass	Yes	No
	AL							_	
	AM								
	AN								

AL					
AM					
AN					
AO					
AP					
OTHER ART (I	ncluding Author,	Title, Date, F	Pertinent Pages, Etc.)		

AR	
AS	
ΛT	

Date Considered Examiner 12/5

*EXAMINER: Indust if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

. U.S.	Departi	ment of Commerc	e, Patent and	Trademark Office	Docket No.: Serial No. 7096/SYNX/JW 10/			No.: 10/650,479	ŀ	
L	IST OF	RELEVANT AR (Use several sho			Applicant(s): Robert B. Lowr	ance et al.	<u> </u>			
					Filing Date: August 28, 2	2003	Group	o: 3652		
U.S. Pate	ent Doc	uments								
*Examiner Initial		Document Number	Issue Date	Name	Class	Subcl	lass	Filing D		
MSL	AA	5,558,198	09/24/96	Juarez						
MSL	AB	5,617,944	04/08/97	McTaggart						
MQ	AC	5,628,614	05/13/97	Pazdernik et al.						
MSL	AD	5,653,327	08/05/97	Buday, Jr. et al.						
MSL	AE	5,823,319	10/20/98	Resnick et al.						
MSL	AF	6,092,979	07/25/00	Miselli						
MSL	AG	6,223,887 B1	05/01/01	Andou						
MSL	AH	6,227,345 B1	05/08/01	Miyamoto						
MSL	Al	6,435,331 BI	08/20/02	Olson et al.						
MSL	AJ	6,511,065 B1	01/28/03	Cote et al.						
MIL	AK	6,581,750 B1	06/24/03	Tweedy et al.						
Foreign	Patent I	Documents						Transla	ıtion	
		Document Number	Date	Country	Class	Subcl	lass	Yes	No	
	AL									
	AM									
	AN									
	AO									
	AP									
OTHER	ART (J	Including Author,	Title, Date,	Pertinent Pages, Etc.)		<u> </u>		h	-	
	AR		·							
	AS			**************************************						
	AT									
Examiner		Kwe	Date Consid	ered /5/05						
*EXAMINER: 4	nitial if	reference considensidered. Include	ered, whether	or not citation is in conform	nance with MPEP 609	; Draw line	e throug	h citation	if not in	